

What is claimed is:

1. A non-invasive ocular therapy for vision disorders comprising:

5 a. electrically contacting a first electrode of a direct current source proximal an eye of a subject;

b. electrically contacting a second electrode of the direct current source with the subject; and,

10 c. generating a direct electrical current between said electrodes of between about 1-800 microamps at a resistance assumption of about 500 ohms for a preselected duration.

2. The therapy of claim 1 wherein said direct electrical current is generated at greater than one frequency.

15 3. The therapy of claim 1 wherein said direct electrical current is generated at greater than one frequency and with a carrier signal of about 10,000-12,000 hertz.

20 4. The therapy of claim 3 wherein said direct electrical current is generated at about 292 hertz for about one minute.

5. The therapy of claim 3 wherein said direct electrical current is generated at about 31 hertz for about two minutes.

25 6. The therapy of claim 3 wherein said direct electrical current is generated at about 8-9 hertz for at least seven minutes.

7. The therapy of claim 3 wherein said direct electrical current is generated at about 0.15-0.3 hertz for at least seven minutes.

5 8. The therapy of claim 1 wherein said direct electrical current is generated at a select frequency profile as a function of time, and with a carrier signal of about 10,000-12,000 hertz.

10 9. The therapy of claim 8 wherein said select frequency profile comprises about 292 hertz for about one minute, about 31 hertz for about two minutes, about 8-9 hertz for at least seven minutes, and about 0.15-0.3 hertz for at least seven minutes.

15 10. The therapy of claim 3 wherein said carrier signal is modulated on and off during said preselected duration.

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11. The therapy of claim 10 wherein said carrier signal is inverted by reversing a polarity thereof at said electrodes.

20 12. The therapy of claim 11 wherein said carrier signal is inverted about every 0.5 seconds.

13. The therapy of claim 1 further comprising applying light energy to the eye of the subject at a power density of up to about 4.5 joules per centimeter squared.

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14. The therapy of claim 13 wherein said light energy has an optical power of about 5 milliwatts per centimeter squared.

5 15. The therapy of claim 14 wherein said light energy is applied at a frequency of about 145 hertz for up to about fifteen minutes.

10 16. The therapy of claim 13 wherein said light energy is characterized by wavelength ranges of about 450-500^b nanometers, 520-570^g nanometers, 565-590^y nanometers or 625-740^r nanometers.

15 17. The therapy of claim 16 wherein applying said light energy is conducted upon each eye of eyes of the subject sequentially between light energy characterized by first and second wavelength ranges.

18. The therapy of claim 17 wherein said first wavelength range comprises about 450-500 nanometers.

20 19. The therapy of claim 18 wherein said second wavelength range comprises about 520-570 nanometers.

20. The therapy of claim 17 wherein said first wavelength range comprises about 520-570 nanometers.

21. The therapy of claim 20 wherein said second wavelength range comprises about 450-500 nanometers.

5 22. The therapy of claim 17 wherein said first wavelength range comprises about 565-590 nanometers.

23. The therapy of claim 22 wherein said second wavelength range comprises about 625-740 nanometers.

10 24. The therapy of claim 17 wherein said first wavelength range comprises about 625-740 nanometers.

25. The therapy of claim 24 wherein said second wavelength range comprises about 565-590 nanometers.

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26. The therapy of claim 1 further comprising applying infrasonic sound waves directly into eyes of the subject.

20 27. The therapy of claim 26 wherein said infrasonic sound waves are characterized by frequencies from about 8-14 hertz.

28. The therapy of claim 13 further comprising applying infrasonic sound waves directly into eyes of the subject.

25 29. The therapy of claim 28 wherein said infrasonic sound waves are characterized by frequencies from about 8-14 hertz.